

**ANDHRA PRADESH SOLAR POWER CORPORATION PRIVATE LIMITED**  
**(A J V COMPANY OF GOVT OF ANDHRA PRADESH AND GOVT OF INDIA)**

**BIDDING DOCUMENT**  
**(SINGLE PART BID)**

**FOR THE WORK OF**

**Name of work:**      **APSPCL – KUMSP (1000 MW) – Providing water proofing treatment to the all round walk way of the control room of the pooling stations along with epoxy grouting to the pylon at Kurnool Ultra Mega Solar Park (1000 MW), Sekunala Village of Orvakal Mandal of Kurnool Dist., A.P.**

**Tender Notice No. 01/2023-24/EE/C/APSPCL/F.Dkt/D.No. 223/23, Dt. 06.07.2023**

## ANDHRA PRADESH SOLAR POWER CORPORATION PRIVATE LIMITED

### TENDER NOTICE

**Tender Notice No. 01/2023-24/EE/C/APSPCL/F.Dkt/D.No.223/23,Dt. 06.07.2023**

1.	Department Name	Andhra Pradesh Solar Power Corporation Private Limited ( <b>A J V Company Of Govt. Of Andhra Pradesh And Govt. Of India</b> )
2.	Circle/Division Name	Executive Engineer / Civil / APSPCL / Guntur
3.	Tender Notice No.	<b><u>Tender Notice No. 01/2023-24/EE/C/APSPCL/F.Dkt/D.No. 223/23, Dt. 06.07.2023</u></b>
4.	Name of Work	APSPCL – KUMSP (1000 MW) – Providing water proofing treatment to the all round walk way of the control room of the pooling stations along with epoxy grouting to the pylon at Kurnool Ultra Mega Solar Park (1000 MW), Sekunala Village of Orvakal Mandal of Kurnool Dist., A.P.
5.	Estimated Contract Value (Approximately)	<b>Rs. 2,93,645/- (Rupees Two Lakh Ninety Three Thousand Six Hundred and Forty Five Only)</b>
6.	Period of Contract	1 Month
7.	Form of Contract	L.S
8.	Tender Type	Open
9.	Tender Category	Works
10.	Tender Schedule Cost	Rs.224/- (Rupees Two Hundred and Twenty Four Only)
11.	Bid Security (EMD)	Rs. 4,500/- (Rupees Four Thousand and Five Hundred Only)
12.	Bid Security Payable to	By way of DD drawn on any nationalized bank in favour of Managing Director/ APSPCL/ Guntur.
13.	Last date for receipt of application for tender schedule.	Up to 20.07.2023, 03.00 P.M
14.	Sale of tender schedules	Up to 20.07.2023, 05.00 P.M
15.	Last date for receipt of tenders	21.07.2023, 3.00 P.M
16.	Bid Submission	The intending tenderer/Contractors have to submit their tenders in the Chamber of Executive Engineer/Civil/APSPCL.
17.	Bid Validity	180 days from the date of opening of the Bid
18.	Opening of tenders	21.07.2023, After 3.00 P.M
19.	Eligibility Criteria	<b><u>1. Registration</u></b> (i) The intending tenderer should have posses minimum Class V & above in any State/Central Govt. or any State/Central PSU etc. (ii) Registration under process shall not be accepted.
20.	Place of Opening of Tenders	In the chambers of Executive Engineer/Civil/ APSPCL, Flat no. 501, 5 <sup>th</sup> Floor, Garuda Enclave, Beside TG Plaza, Tadepalli, Guntur Dist - 522 501. E-Mail: <a href="mailto:eecivil.apspcl@gmail.com">eecivil.apspcl@gmail.com</a>
21.	Procedure for bid submission	a) Intending tenderers may obtain tender schedules from office of Executive Engineer/Civil/APSPCL/Tadepalli/Guntur in person or through their authorized agents. The tenderers shall apply for tender schedules along with the separate DDs in favour of Managing Director/APSPCL/Tadepalli/Guntur payable at Guntur for cost of tender schedule and EMD to the undersigned.

22.	Statutory Requirements	<p>The tenderer shall fulfill the following statutory requirements.</p> <p><b>a) <u>Labour Rules and Regulations</u></b> The tenderer shall comply with all statutory labour rules and regulations for EPF, GIS/ESI, Labour cess, Contract labour rules, Workmen compensation etc., as may be applicable.</p> <p><b>b) <u>GST</u></b> The tenderer should have registration under GST in the state of Andhra Pradesh from concerned department. Applicable GST as on date is 18% of total value of the contract and the rates quoted shall be exclusive of GST.</p>
23.	Other Payments to be made	Apart from the Bid Security (EMD) the tenderer shall be liable to pay the cost of tender schedule.
24.	Documents to be submitted to the Tender inviting authority.	<p>All the bidders shall submit the scanned copies of the following documents along with the tender schedule.</p> <p>1) DD for EMD amount - This will be the primary requirement to consider the bid responsive. – Mandatory. 2) Contractor registration certificates – Mandatory. 3) Registration copies of EPF, ESI/Insurance &amp; GST.</p> <p><b>Note:</b> 1) The tenderer is liable to be disqualified, if he is found to have mislead or furnished false information in the forms / Statements / Certificates submitted in proof of qualification requirements and record of performance such as abandoning of work, not properly completing of earlier contracts, inordinate delay in completion of works, litigation history, financial failures and or participated in the previous tendering for the same work and has quoted unreasonable high price etc.  2) Even while executing the work, if found that the contractor had produced false/fake certificates, he will be black listed and the contract will be terminated and his Bid security will be forfeited and work will be carried out through other agency at his cost and risk.</p>
25.	Other relevant information	<p>1. APSPCL reserves the right to award even part work or to cancel the tenders without assigning any reasons thereof. 2. No tender schedule will be sent by post. 3. The cost of tender schedules once paid will not be refunded under any circumstances.</p>

**Sd/-  
EXECUTIVE ENGINEER/CIVIL**

To  
The Bidders through notice board / APSPCL website.

**Copy to the:**

- 1) Notice Board.
- 2) The Executive Engineer/Tech to the Managing Director & CEO/APSPCL for information.
- 3) The Deputy Executive Engineer/Electrical/APSPCL/Kurnool for information.
- 4) The Chief Financial Officer/APSPCL/Tadepalli for information.
- 5) The Deputy Executive Engineer/Civil/APSPCL/Kadiri for information.
- 6) The Deputy Executive Engineer/Civil/APSPCL/ Kadapa for information.

## DETAILED TENDER NOTICE

1. Sealed Tenders will be received by the **Executive Engineer/Civil**, APSPCL, Tadepalli, Guntur, up to **3.00 PM on 21.07.2023** for the work of **"APSPCL – KUMSP (1000 MW) – Providing water proofing treatment to the all round walk way of the control room of the pooling stations along with epoxy grouting to the pylon at Kurnool Ultra Mega Solar Park (1000 MW), Sekunala Village of Orvakal Mandal of Kurnool Dist., A.P."** The tenders will be opened by the **Execuvtive Engineer/Civil, APSPCL 3.00 PM onwards on 21.07.2023 in his chambers**. If the tender opening day happens to be a holiday the tenders will be opened at the same timings mentioned above on the next working day. The tenderers or their authorized agents are expected to be present at the time of opening of tenders.

Intending bidders can contact office of the Executive Engineer / Civil / APSPCL / Guntur for any clarification/ information on any working day during working hours

2. Earnest Money Deposit:  
Each bidder must pay Bid Security i.e., Earnest Money Deposit of **Rs. 4,500/- (Rupees Four Thousand and Five Hundred Only)** while submitting their bids. The EMD shall be paid by way of DD drawn on any nationalized bank in favour of Managing Director/APSPCL and payable at Guntur.

- i. The Earnest Money Deposit will be refunded to the unsuccessful tenderer after intimation of the rejection of the tender or at the expiration of 180 days from the date of tender whichever is earlier.
- ii. The Earnest Money will be retained in the case of successful tenderer and will not carry any interest. It will be dealt with as provided in the tender.
- iii. Tenderers are not permitted to withdraw their or his offer once made for a period of 180 days after the opening of the tenders and in the event of such tenderers withdrawing their tenders' within 180 days after opening of tenders, the Earnest Money deposited by him/them will be forfeited by the APSPCL

- 2.1 In addition to the EMD, the balance amount of total up to 5% of the value of contract shall be paid by the successful tenderer as security deposit by way of Bank Guarantee/Demand Draft from Nationalized Bank approved by APSPCL as per proforma appended at the time of entering into the agreement. The above security deposit shall be furnished within fifteen (15) days from date of receipt of award. Further, 5% of the value of work done will be recovered from the running bills for the due fulfillment of the contract.

**The Security deposit (including EMD) will be refunded to the contractor after satisfactory completion of performance guarantee period as all defects shall have been made good according to the true intent and meaning thereof. The guarantee period commences from the date of completion of the work in all respects satisfactorily. These amounts will not bear any interest.**

**The retention amount which is recovered from the running bills shall be released after satisfactory completion of performance guarantee period. These amounts will not bear any interest.**

- 2.2 Failure to enter into the required agreement or to make the security deposit as defined in the above paragraphs shall entail forfeiture of the earnest money deposit. The written agreement to be entered in between the contractor and the

APSPCL shall be the foundation of the rights of both the parties and the contract shall not be deemed to be complete until the agreement has first been signed by the contractor and then by the proper officer authorized to enter into contracts on behalf of APSPCL.

- 2.3 The work shall be commenced from the dates specified by APSPCL, otherwise EMD will be forfeited.

**If the successful tenderer fails to sign the agreement or otherwise commit default, the APSPCL shall have the right to recover damages according to law apart from forfeiting the earnest money deposit.**

### 3. **Period of contract: 1 Month**

#### 3.1. **Programme of work**

The attention of the tenderer is directed to the contract requirements as to the time of beginning the work, the rate of progress and the dates for the completion of the whole work and its several parts.

The programme of work to be done from time to time is indicated below. However, the Executive Engineer / Engineer-in-charge of the work will decide the priority of various items of work and their location and direct the successful tenderer for execution so as to complete the entire work as required.

**The date of commencement of this work will be the date on which the site is handed over to the Contractor.** The agreement shall be concluded before the site is handed over to the contractor or before he draws any materials.

Further, it shall also be noted by the tenderer, if on any account, the work gets dislocated due to the site being not available for work on any day or due to any other reason, it is not binding on the APSPCL to pay any compensation to the contractor, but the corresponding extension of time will be granted to the contractor.

The construction programme for the works envisaged in the specification is indicated below:

<b>S.No.</b>	<b>Period after date of commencement</b>	<b>Cumulative Percentage of the work to be completed based on contract amount</b>	<b>Remarks</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>
1.	1 Month	100 %	

The periods entered in column (3) for the purpose of defining the rate of progress may be altered by the Engineer-in-charge or appropriate authority authorized by APSPCL to suit the requirements of project completion.

If, due to any other reason beyond the control of the contractor, the progress is slow during any period indicated above, the same shall be made up in subsequent periods and the programme shall be complied within minimum possible time.

The Executive Engineer / Engineer -in-charge shall direct the sequence and pace of the parts of the work and the contractor shall comply with them. Payment will be effected as per actual work completed and based on the approved mode of payment.

4. ***Penalty: Action as per clause 60 and 61 of PS to APSS will be taken by the Executive Engineer / Engineer-in-charge if the contractor fails to adhere to the above programme of work.***

***Due to what so ever reasons, if work gets extended beyond the contract period, an amount equivalent to 5% of running account bill will be recovered in the extended period of contract from the running account bills and release or forfeiture of this in part or full will be dealt as per the approval of competent authority of APSPCL.***

5. The **Executive Engineer/Civil/APSPCL**, or other sanctioning authority reserves the right to reject any tender in full or part or all the tenders without assigning any reason there for. The quoted percentage shall be binding on the tenderer even if the **Executive Engineer/Civil/APSPCL** awards part of the work.

6. **TAXES, DUTIES, TOLLS AND SEIGNIORAGE:**

The contractor shall, unless otherwise specially stated in the tender notice and subsequently on this basis in the contract, be responsible for the payment wherever payable of all import duties, octroi duties, seigniorage, quarry fees etc. on all materials and articles that he may use Seigniorage and local cess charges payable on the materials used by the tenderer in the work will be recovered at rates fixed by competent authority from time to time from the contractor's bills and the same will be remitted to Mines & Minerals Department.

All taxes, duties, seigniorage and local cess charges, Turnover etc, except GST, EPF, GIS & Labour Cess (Labour cess will be recovered and remitted as TDS as per the building and other construction welfare cess act 1996) payable to the Govt./Quasi Govt.Bodies at the rates as on the date of opening of tender are deemed to be included in the quoted prices. **The applicable GST as on date will be paid extra on submission of GST invoice. The payment of GST is the responsibility of the contractor. Seigniorage on metal, sand, gravel etc., and local cess** will be recovered at rates fixed by competent authority from time to time from the contract bills. However, **Seigniorage** charges will not recovered if the contractor submits the proof of payment of **Seigniorage** charges to the concerned department. Statutory variations in the applicable rates or newly introduced taxes/duties, **Seigniorage** and local cess will be to APSPCL account subject to the condition that the work has to be completed as per the time schedule stipulated in the contract/agreement.

The percentage less/excess on ECV quoted for the subject work shall be excluding **GST, EPF, GIS, & Labour Cess. EPF & GIS** will be reimbursed by APSPCL on production of proof of actual remittances made and subject to the satisfaction of Engineer-in-Charge that the said contribution done is only for the workers employed on this work. Labour cess will reimbursed to the contractor as per actual on production of proof of payment as per the building and other construction welfare cess act 1996. APSPCL will not reimburse any excess payment made by the contractor for any of the above due to mis-interpretation of law or any other reason.

No GST will be collected from the contractor for the materials supplied by the APSPCL at free of cost.

Notwithstanding anything contained in Section 10 of the Indian Tariff Act, of 1894, the rates for item involving the use or supply of articles obtained by the contractor from outside India shall remain unaffected by any changes that may be introduced in the Customs duties.

Other taxes and duties levied by the Central/State Govt. prevailing as on the date of opening of tenders shall be to the contractor's account and the percentage less/excess on ECV value quoted shall be inclusive of them. Any increase in taxes and duties shall be to APSPCL's account. If there is any decrease in taxes and duties, credit shall be given to APSPCL to that extent.

The APSPCL will not however be responsible for payment any other tax made by the contractor under misapprehension of law.

**7. Supplemental Items:**

The contractor is bound to execute all supplemental items beyond 10% of agreement quantity, deductible from similar items in the original agreement and new items that are found essential, incidental and inevitable during execution of main works, at the rates to be worked out as detailed below.

**a. Fixation of rates for items of work in excess of quantities in Schedule-A Bill of Quantities of tender**

The percentage less/excess on ECV quoted by the tenderer shall hold good up to 10% of quantity over those given in Bill of Quantities. Approval of competent authority is to be obtained for execution of quantities in excess of 10% beyond agreement quantity and supplemental items and new items.

For all items of work which are in excess of 10% over and above the quantities shown in Schedule-A Bill of Quantities of the tender, the rate payable for such excess quantities shall be either agreement rates or sanctioned estimate rates plus or minus overall tender percentage accepted by the competent authority whichever is less.

**b. Supplemental items directly deductible from similar items in the original agreement**

The rates shall be derived by adding to or subtracting from the agreement rates of such similar items, the cost of the difference in quantity of material or labour between the new item and the similar item in the agreement worked out with reference to the schedule of rates adopted in the sanctioned estimate with which the tenders were compared plus or minus overall tender percentage.

**c. New Items:**

i) Similar items, the rates of which cannot be directly deduced from the original agreement.

ii) Purely new items which do not correspond to any item in the agreement.

The rate shall be estimate rate plus or minus overall tender percentage.

**Note:** in the term estimate rate used (i) and (ii) above means the rate in the sanctioned estimate with which the tenders were compared or if no such rate is available in the estimate, the rate derived with reference to the schedule of rates adopted in the sanctioned estimate with which tenders are compared.

**d. Addition of provision towards importation of labour, labour amenities, dewatering etc., in working out supplemental items:**

In respect of new items, the case has to be considered on its merits and provision for importation of labour, labour amenities, dewatering etc., has to be fully justified.

If the new item is in substitution of an old item which allowed for importation of labour, labour amenities, dewatering etc., those factors may be taken into account in computing the substituted items also at the same rates at which they were originally provided.

8. The clause 69 (b) of PS to APSS is deleted. The following may be read in its place:

"Whenever the withheld amount reaches Rs.1,000/- or a multiple thereof, the contractor may, at his option, to deposit with the Engineer-in-charge, an equal amount in sum of Rs.1,000/- or multiples thereof in any of the forms of interest bearing securities recognized for the purpose by A.P. Public Works Accounts Code and subject to the provisions therein contained or a Bank Guarantee of a Nationalized Bank in which case the equivalent withheld amount shall be paid to him forthwith."

The contractor will be permitted to exercise the option in this clause, subject to the condition that the rate of progress contained in the Articles of Agreement is properly maintained.

9. Preliminary specifications of APSS except clause 73 shall apply to all agreements entered by the contractor with APSPCL and shall form an inseparable condition of the contract. The tenderer is expected to examine closely the relevant specifications of the APSS and the special specifications and ISS before submitting his tender offer.

Note: In case of contradiction between the clauses included in this specification and the clauses of PS to APSS the former will prevail over the latter and is binding on the tenderer.

10. **ARBITRATION**

All or any disputes or differences arising out of or touching the order based on this specification shall be decided by a panel of arbitrators as detailed below and as per arbitration act No.1 of 1990 to the Arbitration Act 1940 amended vide G.O.No.7 dt.19-05-1990.

<b>Value of claim</b>	<b>Panel of Arbitrators</b>
Disputes involving amounts up to Rs. 10,000/- and below.	Executive Engineer of the APGENCO other than the circle to which the disputes relate.
Disputes involving amount from Rs. 10,000/- to Rs. 50,000/-	Any Chief Engineer of the APGENCO other than concerned Chief Engineer.

There shall not be any reference of disputes, the value of which is above Rs.50,000/- to arbitration. The parties shall approach the competent Civil Courts having jurisdiction, if any such disputes shall arise.



**11. DEFECT LIABILITY**

- 11.1 The contractor shall be responsible to make good and remedy at his own cost within such a period as may be stipulated by the Engineer-in-charge any defect observed during the course of execution or which may develop or may be noticed before the expiry of the period mentioned in the Guarantee clause on intimation of which has been sent to the contractor within seven days of expiry of the said period by a letter sent by hand or Registered post.

**12.0 GUARANTEE**

- 12.1 The contractor shall guarantee that all items executed by him shall be free from all defects and workmanship up to completion of work in all respects.
- 12.2 APSPCL shall also be entitled to recover any losses direct or indirect incurred due to non-fulfillment of contractual commitment in this regard.
- 12.3 The Guarantee period shall be 06 (Six) months from the completion of the works in all respects.

## TENDER FORM

**To  
The Managing Director,  
APSPCL, Tadepalli,  
Guntur – 522 501.**

**Sir,**

I/We do hereby tender and, if this tender be accepted undertake to execute the work of *"APSPCL – KUMSP (1000 MW) – Providing water proofing treatment to the all round walk way of the control room of the pooling stations along with epoxy grouting to the pylon at Kurnool Ultra Mega Solar Park (1000 MW), Sekunala Village of Orvakal Mandal of Kurnool Dist., A.P.* as shown in the drawings and as described in the specifications deposited in the office of the **Executive Engineer/Civil/APSPCL, Tadepalli, Guntur - 522 501** with such variations by way of, alterations or additions to, and omissions from the said work and method of payment as are provided for in the "Conditions of Contract" **at the estimated contract value (ECV) PLUS (or) MINUS %** or such other sum as may be arrived at under the clause of the standard preliminary specification relating to "Payment on lump sum basis or final measurements at unit prices".

I/We agree to execute the work when the lump sum payment under the terms of agreement is varied by payment on measurement quantities.

I/We agree to keep the offer in this tender valid for a period of 180 days from the date of opening of tender and not to modify the whole or any part of it for any reason within the above period. If the tender is withdrawn by me/us for any reason whatsoever, within the validity period, the earnest money deposited by me/us will be forfeited to APSPCL.

I/We hereby distinctly and expressly declare and acknowledge that before the submission of my/our tender, I/We have carefully followed the instructions in the tender notice and have read the APSS and the Preliminary specifications therein and the APSS Addenda volume; and that I/We have made such examination of the contract documents and of the plan, specifications and quantities, and of the locations where the said work is to be done, and such investigation of the work required to be done, and in regard to the materials required to be furnished so as to enable me/us to thoroughly understand the intention of the same and the requirements, covenants, agreements, stipulations and restrictions contained in the contract and in the said plans and specifications and distinctly agree that I/We will not hereafter make any claim or demand upon the APSPCL based upon or arising out of any alleged misunderstanding or misconception or mistake on my/our part of the said requirements, covenants, agreements, stipulations restrictions and conditions.

If my/our tender is accepted, the earnest money shall be retained by the APSPCL as security for the due fulfillment of this contract. If upon written intimation to me/us by the Executive Engineer/Civil/APSPCL/Guntur, I/We fail to attend the said office before the end of the period specified on such intimation the tender will not be considered and if, upon intimation being given to me/us by the Executive Engineer/Civil/APSPCL/Guntur of acceptance of my/our tender, I/We fail to make the additional security deposit or to enter into the required agreement as defined in clause 5 of the detailed tender conditions, then I/We agree to the forfeiture of the Earnest money; Any notice required to be served on me/us here under shall be sufficiently served on me/us personally or forwarded to me/us by post (registered or ordinary) or left at my/our address given herein. Such notice if sent by post be deemed to have been served on me/us at the time when in due course of post, it would have been delivered at the address to which it was sent.

I/We fully understand that the written agreement to be entered into between me/us and the APSPCL shall be the foundation of the rights of both of the parties and the contract shall not be deemed to be completed until the agreement has first been signed by me/us and then by proper officer authorized to enter into contracts on behalf of APSPCL.

I/We am/are professionally qualified and my/our qualifications are given below.

S.No.	Name	Qualifications

I/We will employ at my/our own cost at least **1 (One) number Diploma Engineer** and other technically qualified staff in adequate numbers on full time basis and see that they are available at work site during working hours and also whenever required by the Engineer in-charge to take instructions and for arranging efficient and expeditious execution of work to the satisfaction of the Engineer-in-charge. In case we fail to employ the above mentioned technical staff we are agreeable for the recovery towards such default to be made from our bills at the rate of **Rs.50,000/- (Rupees Fifty Thousand only) per month or part thereof.**

The APSPCL directs that in the case of both Lump sum and K2 contract of Rs. 50,000 and above in value, the contractor irrespective of his class shall be required to employ the personnel on the concerned works at his own cost whether technical skill is required or not.

The appointment of staff shall be on full time basis and they shall be available at the work site whenever required by the Engineer-in-charge to take instructions. The contractor shall deploy required technical personal in addition to the above as per actual needs and as directed by the Engineer-in-charge.

I/ We have accepted the rate of progress i.e., the construction programme for the work as envisaged in this tender specification.

## TECHNICAL SPECIFICATIONS

### 1.00 GENERAL

This specification is to cover preparation of general arrangement, construction as well as Fabrication drawings, supply of all labour as well as materials and construction of all civil, structural works for the proposed Construction of **"APSPCL – KUMSP (1000 MW) – Providing water proofing treatment to the all round walk way of the control room of the pooling stations along with epoxy grouting to the pylon at Kurnool Ultra Mega Solar Park (1000 MW), Sekunala Village of Orvakal Mandal of Kurnool Dist., A.P. "** promoted by M/s. Andhra Pradesh Solar Power Corporation Private Limited.

### 2.00 SCOPE OF WORK:

In general broad scope of work consists of the following:

- 1) Demolishing of cement concrete / Tile flooring.
- 2) Laying of polymer modified SCREED concrete with PCC 1:2:4.
- 3) Providing and application of two coats.
- 4) Providing and laying of PVC Nahany trap and 1 Meter PVC 63mm dia pipe.
- 5) Flooring with high polished granite 16 to 18 mm thick slabs.
- 6) Providing and fixing of full depth jointing and pointing to the Marble/ Granite.
- 7) Supply and arranging of Pressure grouting the drilled holes.
- 8) Supplying of three component system epoxy grout.

The work shall complete in all respects under this specification shall include but not limited to the following.

### 3.00 DEMOLISHING OF CEMENT CONCRETE / TILE FLOORING:

The firm shall Demolishing of cement concrete / Tile flooring and disposal of unserviceable materials as per technical specification, including labour charges for braking, removing and disposal at dump area and other deleterious matter, cleaning dust and loose particles as directed by the Engineer in Charge.

#### 3.01 MODE OF PAYMENT:

The payment shall be made on the basis of Cum.

### 4.00 LAYING OF POLYMER MODIFIED SCREED CONCRETE WITH PCC 1:2:4:

The firm shall Laying of polymer modified SCREED concrete with PCC 1:2:4 for around walkway in pooling station with mixing water proofing chemical of approved brand like Forsook, Dr. Fixit or other approved of mixing ration @ 50 kg cement bag per 1 liters of water proofing chemical using baby chips HBG metal with minimum 330 Kgs of cement per cubic meter of concrete including cost and conveyance of all materials at all leads and lifts, ramming, consolidating, curing etc, complete for finished item of work as per directions of the Engineer-in-charge.

#### 4.01 MODE OF PAYMENT:

The payment shall be made on the basis of Cum.

## **5.00 PROVIDING AND APPLICATION OF TWO COATS:**

The firm shall Providing and application of two coats of High bonding, flexible bituminous polyurethane blended bituminous coating with NITOBOND POLYURETHANE BLENDED BITUMEN COAT (Forsook) diluting with 20% of water. including cost and conveyance of all materials, all labour charges, incidental charges, curing, all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.

### **5.01 MODE OF PAYMENT:**

The payment shall be made on the basis of Sqm.

## **6.00 PROVIDING AND LAYING OF PVC NAHANY TRAP AND 1 METER PVC 63MM DIA PIPE:**

The firm shall Providing and laying of PVC Nahany trap and 1 Meter PVC 63mm dia pipe for drain out the rain water around walkway including cost of all materials and labour charges and other incidental charges and operational charges, all leads and lifts etc., complete for finished item of work as directed by the Engineer-in-charge.

### **6.01 MODE OF PAYMENT:**

The payment shall be made on the basis of No's.

## **7.00 FLOORING WITH HIGH POLISHED GRANITE 16 TO 18 MM THICK SLABS:**

The firm shall Flooring with high polished granite 16 to 18 mm thick slabs of approved shade for pylon set over base coat of cement mortar (1:8), 20 mm thick over CC bed already laid wall or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3.kgs per sqm & jointed neatly with white cement paste mixed with pigment of matching shade to full depth, including cost and conveyance of all materials, labour charges etc., complete for finished item of work.

### **7.01 MODE OF PAYMENT:**

The payment shall be made on the basis of Sqm.

## **8.00 PROVIDING AND FIXING OF FULL DEPTH JOINTING AND POINTING TO THE MARBLE/ GRANITE:**

The firm shall Providing and fixing of full depth jointing and pointing to the Marble/ Granite flooring for any sizes with cement based adhesive in width of 3-5 mm excluding cost of granite including cost and conveyance of all materials, all labour charges, incidental charges, curing , all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.

### **8.01 MODE OF PAYMENT:**

The payment shall be made on the basis of Sqm.

**9.00 SUPPLY AND ARRANGING OF PRESSURE GROUTING THE DRILLED HOLES:**

The firm shall Supply and arranging of Pressure grouting the drilled holes with neat cement slurry or with approved epoxy bonding agent using pump including cost of drilling but excluding cost of grout material including cost and conveyance of all materials, all labour charges, incidental charges, all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.

**9.01 MODE OF PAYMENT:**

The payment shall be made on the basis of No's.

**10.00 SUPPLYING OF THREE COMPONENT SYSTEM EPOXY GROUT:**

The firm shall Supplying of three component system epoxy grout for granite flooring/dadoing B.S. 5980:1980 / BS EN 120004, R 2 T of approved make as directed by the engineer in charge including cost and conveyance of all materials, all labour charges, incidental charges, curing, all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.

**10.01 MODE OF PAYMENT:**

The payment shall be made on the basis of Kg.

**SCHEDULE - A****BILL OF QUANTITIES**

- a) The quantities given in the bill of quantities are approximate but they are subject to alterations, omissions, deductions or additions as provided for in the conditions of this contract and do not necessarily show the actual quantities of work to be done. The unit rates noted below are those governing payment of extras or deductions for omissions according to the conditions of the contract as set forth in the preliminary specifications of the A.P. Standard Specifications and other conditions and specifications of this contract.
- b) It is to be expressly understood that the measured work is to be taken net (not withstanding any custom or practice to the contrary) according to the actual quantities when in place and finished according to the drawings or as may be ordered from time to time by the Engineer-in-charge and the cost calculated by measuring or weight at the respective prices without any additional charges for any necessary or contingent works connected therewith.
- c) For all items of work which are more than 10% in excess of the quantities shown in the bill of quantities the rate payable for excess quantities beyond 10% shall be either tender rate or the SS rate for the item plus or minus the overall tender percentage whichever is less. The SS rate means the rate within the estimate has been prepared for comparison with tenders.
- d) The rates quoted by the contractor are firm till completion of the work in all respects. No price variation of rates is allowed in case of delay in handing over of site to the contractors, if any by the department. However, corresponding extension of time will only be granted to the contractors.

## **BANK ACCOUNT MANDATE FORM**

### **ELECTRONIC CLEARING SERVICE (CREDIT CLEARING)/REAL TIME GROSS SETTLEMENT (RTGS) FACILITY FOR RECEIVING PAYMENTS**

**A. DETAILS OF ACCOUNT HOLDER:**

<b>NAME OF ACCOUNT HOLDER</b>	
<b>COMPLETE CONTACT ADDRESS</b>	
<b>TELEPHONE NUMBER/FAX/E.MAIL</b>	

**B. BANK ACCOUNT DETAILS :**

<b>NAME OF THE BANK</b>	
<b>BRANCH NAME &amp; ADDRESS</b>	
<b>WHETHER THE BRANCH IS COMPUTERISED?</b>	
<b>WHETHER THE BRANCH IS RTGS ENABLED ? IF YES, THEN WHAT IS THE BRANCH'S <u>IFSC CODE</u></b>	
<b>IS THE BRANCH IS ALSO NEFT ENABLED ?</b>	
<b>TYPE OF ACCOUNT (SB/CURRENT/CASH CREDIT)</b>	
<b>COMPLETE BANK ACCOUNT NUMBER</b>	

**DATE OF EFFECT:** \_\_\_\_\_

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the APSPCL responsible.

**Signature of Contractor**

Date:

Certified that the particulars furnished above are correct as per our records.

**Signature of Banker**

(Bank's Stamp)

Date:



## **INTEGRITY PACT**

Between

**Andhra Pradesh Solar Power Corporation Private Limited** hereinafter referred to as "**APSPCL**",

And

\_\_\_\_\_ herein after referred to as "**The Bidder / Contractor**"

The APSPCL intends to call tenders and award the work under laid down organizational procedures, contract/s for the work of "**APSPCL – KUMSP (1000 MW) – Providing water proofing treatment to the all round walk way of the control room of the pooling stations along with epoxy grouting to the pylon at Kurnool Ultra Mega Solar Park (1000 MW), Sekunala Village, of Orvakal Mandal of Kurnool Dist., A.P.**"

The APSPCL and the Bidders shall value the full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness / transparency in bidding and as well as execution of contracts and both the parties shall adhere to the following.

### **1. Commitments of the APSPCL**

- a. No employee of the APSPCL, personally or through family members, will in connection with the tender or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b. The APSPCL will, during the tender process treat all Bidder(s) with equity and reason. The APSPCL will in particular, before *and* during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

### **2. Commitments of the Bidder(s)/ contractor(s)**

- a. The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the APSPCL's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The Bidder(s) / Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

- c. The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the APSPCL as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
3. If the Bidder(s)/Contractor(s), before award or during execution commits a transgression through a violation of clause 2, above or in any other form such as to put his reliability or credibility in question, the APSPCL is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process and exclusion in future tenders.
  4. If the APSPCL disqualifies the Bidder(s) from the tender process prior to the award as per clause 3 above, the APSPCL is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
  5. If the APSPCL terminates the contract or if the APSPCL is entitled to terminate the contract according clause 3 above, the APSPCL shall be entitled to demand and recover from the contractor liquidated damages of the Contract value or the amount equivalent to Performance Guarantee.
  6. The Bidder(s)/ Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact.
  7. The Integrity Pact begins from the date of tender notification and expires after the contractor receives the last payment under the contract.

\_\_\_\_\_  
(For & On behalf of the APSPCL)

(Office Seal)

\_\_\_\_\_  
(For & On behalf of Bidder/ Contractor)

(Office Seal)

Place -----

Date -----

Witness 1 :  
(Name & Address)

Witness 2 :  
(Name & Address)

**SCHEDULE-A**

**Name of the work :-APSPCL – KUMSP (1000 MW) – Providing water proofing treatment to the all round walk way of the control room of the pooling stations along with epoxy grouting to the pylon at Kurnool Ultra Mega Solar Park (1000 MW), Sekunala Village of Orvakal Mandal of Kurnool Dist., A.P.**

<b>S. No</b>	<b>Quantity</b>		<b>Description of Item</b>	<b>Rate</b>	<b>per</b>		<b>Amount</b>
1	35.00	Cum	Demolishing of cement concrete / Tile flooring and disposal of unserviceable materials as per technical specification, including labour charges for braking, removing and disposal at dump area and other deleterious matter, cleaning dust and loose particles as directed by the Engineer in Charge.		1.00	Cum	
2	15.00	Cum	Laying of polymer modified SCREED concrete with PCC 1:2:4 for around walkway in pooling station with mixing water proofing chemical of approved brand like Forsook, Dr. Fixit or other approved of mixing ration @ 50 kg cement bag per 1 liters of water proofing chemical using baby chips HBG metal with minimum 330 Kgs of cement per cubic meter of concrete including cost and conveyance of all materials at all leads and lifts, ramming, consolidating, curing etc, complete for finished item of work as per directions of the Engineer-in-charge.		1.00	Cum	
3	220.00	Sqm	Providing and application of two coats of High bonding, flexible bituminous polyurethane blended bituminous coating with NITOBOND POLYURETHANE BLENDED BITUMEN COAT (Forsook) diluting with 20% of water. including cost and conveyance of all materials, all labour charges, incidental charges, curing, all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.		1.00	Sqm	
4	20.00	No's	Providing and laying of PVC Nahany trap and 1 Meter PVC 63mm dia pipe for drain out the rain water around walkway including cost of all materials and labour charges and other incidental charges and operational charges, all leads and lifts etc., complete for finished item of work as directed by the Engineer-in-charge.		1.00	No's	

S. No	Quantity		Description of Item	Rate	per		Amount	
5	5.00	Sqm	Flooring with high polished granite 16 to 18 mm thick slabs of approved shade for pylon set over base coat of cement mortar (1:8), 20 mm thick over CC bed already laid wall or RCC roof slab, including neat cement slurry of honey like consistency spread @ 3.3.kgs per sqm & jointed neatly with white cement paste mixed with pigment of matching shade to full depth, including cost and conveyance of all materials, labour charges etc., complete for finished item of work.			Sqm		
6	10.00	Sqm	Providing and fixing of full depth jointing and pointing to the Marble/ Granite flooring for any sizes with cement based adhesive in width of 3-5 mm excluding cost of granite including cost and conveyance of all materials, all labour charges, incidental charges, curing , all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.			Sqm		
7	40.00	No's	Supply and arranging of Pressure grouting the drilled holes with neat cement slurry or with approved epoxy bonding agent using pump including cost of drilling but excluding cost of grout material including cost and conveyance of all materials, all labour charges, incidental charges, all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.			No's		
8	25.00	Kg	Supplying of three component system epoxy grout for granite flooring/dadoing B.S. 5980:1980 / BS EN 120004, R 2 T of approved make as directed by the engineer in charge including cost and conveyance of all materials, all labour charges, incidental charges, curing , all leads and lifts etc., complete for finished item of work as directed by the Engineer in charge.			Kg		
			Total					
	In Words							

**Contractor**

**Sd/-  
Executive Engineer/Civil**